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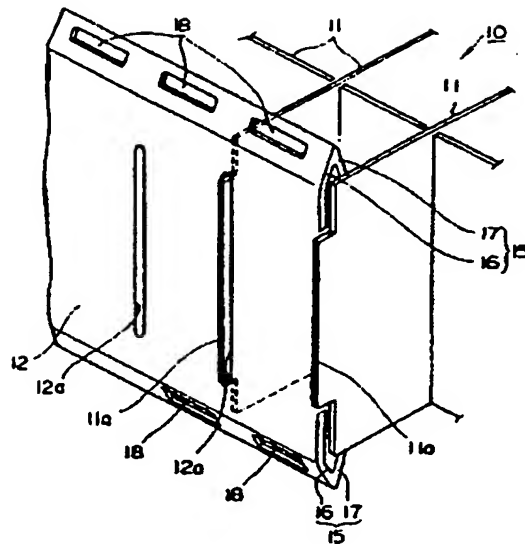
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APPLICATION NUMBER : 63149342

APPLICANT : MITSUBISHI NUCLEAR FUEL CO LTD;

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TITLE : SUPPORT LATTICE



ABSTRACT : PURPOSE: To improve mechanical strength and contrive the prevention of damage by forming a neck part of an inclined plate formed on both the edges in the width direction of an outer strap and a reinforcing plate on which the edge part formed on the inclined plate is joined with an inner strap.

CONSTITUTION: A thin-plate beltlike outer strap 12 is provided on the surroundings of a lattice body 10, side taps 11a are inserted in slits 12a formed on the face of the outer strap 12 and the tabs 11a projected from the slits 12a are seam-welded. A neck part 15 is formed along the longitudinal direction of the outer strap 12 on both the edge parts in the width direction of the outer strap 12. The cross section of the neck part 15 is doglegged and the neck part 15 is integrally formed on the edge part of the outer strap 12. Further it is integrally formed on the edge part of an inclined plate 16 and the inclined plate 16 and a reinforcing plate 17 for extending toward the edge part in the width direction of inner straps 11 from the edge part thereof are formed. The intersecting points of the edge parts of the reinforcing plate 17 and the inner straps 11 are spot-welded and further the inclined plate 16 is positioned between the longitudinally contacting slits 12 to form.

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